

### FCC INTERROGATORY NO. 23

23. *Paragraph 11 of Attachment 2 to the Valente & West Declaration indicates that Nextel is working to ensure that its existing iDEN voice and data services can be integrated with an IP-based application such as QChat.*

#### Response

- a. *Provide a summary of the key technologies tested and the test results which will "ensure that existing iDEN voice and data services and push-to-talk features can be easily integrated with future all IP-based services."*

Please see Nextel's response to FCC Interrogatory No. 21(a).

- b. *Provide a description of the QChat technology and its system requirements.*

Please see Nextel's response to FCC Interrogatory No. 21(b).

- c. *Provide the latest comparative analysis on technical performance metrics for all functionalities and features between Nextel's Direct Connect, QChat, and similar PTT products provided by Sprint PCS, Verizon Wireless, AllTel, and Southern Link Wireless, and other wireless telephony providers. Include core network and handset effects, assumptions, test conditions, methodology, and final reports. Also, include, if available, any quality perception test results conducted by expert users. Include supporting documentation as appropriate.*

Sprint has not undertaken a detailed technical comparative analysis across PTT vendors since prior to the launch of its ReadyLink product in 2003. Additionally, Sprint has no specific details regarding either Nextel's Direct Connect product, their Qualcomm/QChat product, or Verizon's, AllTel's or Southern Link Wireless's PTT products.

For Sprint's ReadyLink product, Sprint uses its CDMA IS2000 Release 0 network for access. In turn, PTT sessions are inter-worked with Cisco SIP servers and Motorola Application Servers to provide ReadyLink service.

Sprint PTT handsets have a built-in PTT software client. A ReadyLink user enters the PTT application to make a PTT call. The software client stores PTT contacts in a PTT address book, which includes individual and group contact lists. The handset itself is capable of buffering voice before invoking the terminating handset. Sprint assumes that call setup latency and voice quality (half rate EVRC) are acceptable to many consumers. Solutions to improve call setup latency and voice quality will be available in CDMA EVDO Rev A.

Sprint conducted extensive proof of concept testing, prototype testing, lab integration testing, capacity testing, vendor acceptance testing, production integration

testing, performance testing, usability testing and market trial before ReadyLink's commercial launch. In the early stage of PTT development, Sprint utilized paper analysis, simulation and prototyping to prove the concept and design. In the later stages, Sprint focused on product quality, usability and operational issues.

- d. Describe the specific network and handset features that are required to support the QChat product. What are the specific 1x EV-DO Rev. A attributes that support such features.*

Please see Nextel's response to FCC Interrogatory No. 21(d).

- e. On what platform is Ready Link built?*

Sprint's ReadyLink product utilizes a Motorola-developed "Application Server" for the RTP/bearer path control; a Cisco "Service Agent" platform for the Session Initiation Protocol (SIP) session control portion; and a CoreMobility-developed software client in the handset. "Buddylist" management is supported via a proprietary system called Customer Data Profile Management or CDPM that was developed internally by Sprint.

**FCC INTERROGATORY NO. 24**

24. *The Montagner & Nielsen Declaration sets out the \$12.1 billion net present value synergy estimate using an initial breakdown into accounting categories: for example capital expenses; operating expenses; and selling, general, and administrative expenses. Provide a summary breakdown of the \$12.1 billion estimate that is instead organized into the major steps that are contemplated upon merger that will enable cost savings or otherwise create value. These categories would include, for example: avoiding Nextel costs of developing and building a next generation system; savings resulting from the ability to share cell sites; value created by interoperable and expanded PTT systems; and the synergies resulting from a broader deployment of 1xEV-DO Rev A. Within each of these categories, combine the capital expense, operational expense, and other costs and offsets as appropriate.*

**Response**

Please see Nextel's response to FCC Interrogatory No. 22.

**FCC INTERROGATORY NO. 25**

25. *Provide the following information and documents for each of the seventeen BTAs identified in Attachment 1 to Attachment E as having an incremental MHz Pops Differential of greater than 10 percentage points.*

**Response**

- a. *A list containing the call sign, licensee name, transmitter location, and frequencies (by channel numbers) of each license that is considered either "Sprint Owned," "Sprint Leased," within the meaning of Attachment 1 to Attachment E.*

Attached as Nos. SC-25A-00001—SC-25A-00011, is a spreadsheet containing the information requested in response to Question 25(a).

- b. *For each "Sprint Leased" station, a copy of the lease that is currently in effect.*

Attached as Nos. SC-25B-00001—SC-25B-05042, are copies of the leases and related contractual provisions for each leased station identified in response to Question 25(a). There are fifteen markets in which Sprint has at least one leased station, and it holds a total of 114 leased stations within these markets.

In order to locate a lease and all related material associated with a particular call sign, the spreadsheet submitted in response to Question 25(a) should be used to locate specific documents. Column A of the spreadsheet contains a "Record #" and Column F contains the corresponding call sign. Some call signs appear on the spreadsheet twice since they overlap more than one BTA, therefore, some documents are submitted twice (once for each BTA). For example, channel WLX457 overlaps two different BTAs (Benton Harbor and Kalamazoo), and its corresponding lease has been submitted for both markets. In addition, some lease agreements pertain to multiple call signs, which results in the same lease documents being submitted more than once. For example, the Seattle, WA H1, H2 and H3 channels each have separate call signs, however Sprint has one channel lease agreement covering all three channels. Therefore, the same lease is being submitted for each corresponding channel.

**FCC INTERROGATORY NO. 26**

26. *Paragraph 13 of the Rowley & Finch Declaration states "Sprint's and Nextel's combined spectrum portfolio provides the necessary scale to justify the substantial research, deployment, implementation, and operational costs required to make use of the band."*

**Response**

- a. *Given the deployments and technology trials described in Paragraphs 14 through 21 of the Rowley & Finch Declaration, explain why, in the absence of the merger, Sprint or Nextel would not proceed with research and deployment of technology and services in the 2.5 GHz band.*

As an initial matter, Sprint disagrees with the question's premise that, in the absence of the merger, "Sprint or Nextel would not proceed with research and deployment of technology and services in the 2.5 GHz band." Sprint would likely continue to invest in its licenses and leases associated with the 2.5 GHz band, and would further its efforts regarding research and development of technology, standards, and evaluation of equipment and trial of services that could be deployed using the 2.5 GHz band. However, those efforts would proceed on a significantly more deliberative pace with greater per-POP risk and less potential reward relative to the scale and capabilities of a combined Sprint Nextel with a near nationwide 2.5 GHz footprint. In addition, if Sprint and Nextel were unable to complete the proposed merger, delays, uncertainty, and risk associated with securing access to spectrum would frustrate each company's efforts to lead transitions in areas where neither carrier holds rights to 2.5 GHz spectrum.

Sprint has made a significant commitment to the 2.5 GHz band that has evolved from past failures into the pursuit of consumer and business wireless interactive multimedia services. Investing roughly \$1.6 billion, Sprint acquired BRS (formerly MDS and MMDS) authorizations and BRS and EBS lease rights through the acquisition of various wireless cable companies between 1999-2000. Sprint has undertaken a number of technology and field trials, invested approximately \$400 million to launch, and currently operates 14 first generation BRS (MMDS) data markets using the 2.5 GHz spectrum. Sprint has helped lead and form standards and rulemaking proceedings through leadership roles in industry associations at the Wireless Communications Association (WCA), WiMax Forum, Broadband Wireless Forum, and National ITFS Association (NIA). Sprint has served as chair of the WCA's Government Relations, Engineering Committee, and BRS/EBS Technical Rules Rewrite Group, and holds a board seat on the WCA, NIA and WiMax Forum. These leadership roles have been an industry changing catalyst for creating a suitable environment for 2.5 GHz spectrum to be a conduit for the delivery of advanced wireless broadband services. Sprint is continuing to undertake 2.5 GHz trials to further refine its knowledge and test concepts.

Sprint has focused on standardizing the advanced broadband wireless technologies within international standards forums, including building relationships with

vendors to begin standardization of advanced OFDM technology into IEEE with 802.16e—a variant of the 802.16 family of standards known as WiMax.

Sprint has been shepherding the technology and product development of IEEE 802.16e based solutions with selected vendor partners. Sprint has worked with major international vendors on joint technology and business development efforts and recently announced an agreement with Intel to engage in joint efforts to advance 802.16e WiMax standards and to trial 802.16e equipment. Sprint is also active in its position as chair of the Broadband Wireless Forum (BWF) which includes operators from around the world, and as a member of the Board of Directors of the WiMax Forum. Sprint will continue to build strategic relationships with vendors and operators worldwide to drive and expand the development of the ecosystem for wireless broadband.

Should Sprint be unable to merge with Nextel, however, uncertainty regarding Sprint's ability to access sufficient 2.5 GHz spectrum would likely follow, leading to significant delays in the deployment of innovative and advanced interactive wireless services.

More specifically, in the absence of the merger, Sprint would have to address the following concerns relative to its business case:

- delays, uncertainties, and risks associated with identifying alternative spectrum solutions in the many Basic Trading Areas (BTAs) where the other carrier holds 2.5 GHz spectrum;
- potentially incompatible technology selections by Sprint and Nextel, which would create roaming and incompatibility issues for consumers and business customers;
- delays and increased infrastructure and customer premises equipment costs due to the lack of national scale;
- more time-consuming, more complicated, and more costly implementation of the Commission's 2.5 GHz transition plan due to lack of merger synergies in many areas of the country;
- inability to realize synergies with Sprint's nationwide PCS service and Nextel's nationwide iDEN network; and
- operational, marketing, public relations, and sales complications arising from the inability to offer services consistently across the same channels that Sprint and Nextel currently use to market their respective nationwide services.

*b) Describe, as specifically as possible, how the merger would allow the merged entity to develop services using the 2.5 GHz band.*

The proposed merger creates a company that will have the incentive, resources and risk tolerance to accelerate the development and deployment of services in the 2.5

GHz band. The merger will, for the first time in the long and troubled history of the 2.5 GHz band, establish a carrier a national footprint. In so doing, the merger will permit Sprint and Nextel to:

- offer national campaigns and provide nationwide service availability;
- benefit from the synergies associated with an established, national wireless network with over 40 million existing wireless network users;
- realize economies of scale that will drive a truly disruptive cost model;
- attract both “household-name” vendors and new entrepreneurs for investment, innovation, and potential development a global equipment “ecosystem”;
- leverage the benefits of its national long distance network, call centers, network operations, sales, field, and retail operations that serve over 40 million users nationwide;
- leverage research and development to create new and innovative services that require a higher level of development commitment and risk than Sprint or Nextel alone would have assumed;
- leverage combined capital and financing resources to accelerate the provision of services in the 2.5 GHz band by offsetting the risk associated with Sprint or Nextel deploying services on a stand-alone basis.
- align the interests of Sprint and Nextel such that the utilization of the 2.5 GHz spectrum held by the companies will exceed the scope of anything the companies operating separately would have proven capable of doing;
- deliver services that go beyond the capabilities of today’s broadband offerings to incorporate devices, applications, and smart network technologies into an intuitive, easy-to-use service as well as offering backhaul and T-1 replacement services;
- develop harmonized paths toward technical standards for the band;
- use enhanced economies of scale to accelerate the deployment of wireless interactive multimedia services to far more rural communities than each carrier would have reached alone; and
- spur additional investment that benefits all 2.5 GHz licensees by driving standards and improving roaming and interoperability between markets, essentially driving down costs for all operators.
- The merger will bring a company that is significantly larger, with a higher risk tolerance, than either company would have absent the transaction. As a

merged entity, Sprint Nextel will have a large customer base in both consumer and business markets to provide a strong prospecting base for the new services and ensure the early success of an infant business model. This larger customer base will increase the merged entity's incentive to invest in the development of the 2.5 GHz band because investment costs will be spread over a larger number of markets and the potential return on such investments will similarly increase. For these reasons, the merger of Sprint and Nextel will accelerate the deployment of services using the 2.5 GHz band to the public.

- c) *Provide the best available estimate as to when, if the merger takes place, the parties would anticipate offering their combined coverage area.*

Until the merger is approved, the parties cannot know with certainty when they will be in a position to offer service over their combined coverage area. Before initiating service, Sprint and Nextel will have to finalize a business case that reconciles their individual business plans and settle on a technology for delivering WIMS. However, the companies are proceeding aggressively on their own with technical trials and expanded business planning for using the spectrum to deliver bandwidth-intensive WIMS applications and other services. Development of standards (including WiMax 802.16e) and advancement of a vendor ecosystem necessary to support the scale of a national rollout is continuing, alongside ongoing evaluation of technology options (including TDD-CDMA and Flash OFDM) and trials. *See* Sprint and Intel announcement (May 5, 2005). After the merger, Sprint Nextel will make a technology determination, whether that be a proprietary or an open standard technology, at which point equipment based on that selection will need to be developed before the network can be deployed.

Not insignificantly, the parties are also working diligently at implementing the Commission's rebanding efforts in the 2.5 GHz band. The exact timing of service deployment is complicated, however, by the required transition process governing the transformation of the legacy 2.5 GHz bandplan to the new broadband-focused bandplan adopted by the FCC. To use the 2.5 GHz spectrum, Sprint Nextel (or another eligible proponent) must go through a multi-year process and pay to transition incumbent operators (including EBS licensees providing one-way broadcast distance learning services) before services can be effectively deployed in most major urban areas. The complexity of the process remains uncertain while the Commission considers the pending petitions for reconsideration in WT Docket No. 03-66. Once the merger is approved, Sprint Nextel will lead transitions in many areas to accelerate the date on which services are offered to the public. However, the exact timing of transitions is difficult to predict at this time, as the Commission's rules are in a state of flux and third parties are likely to have rights under the final rules that could further delay use of the spectrum.



**FCC INTERROGATORY NO. 27**

27. *Using the BRS data summarized in Attachment 1 to Attachment E, compute for each BTA the following additional statistic, which may be viewed as the Average Bandwidth controlled by license or lease.*

*Divide the merged entities total MHz-pops (licensed plus leased) by the total population covered by at least one license or lease in the BTA.*

**Response**

Please see Nextel's response to FCC Interrogatory No. 25.

**FCC INTERROGATORY NO. 28**

28. *Page 6 of the Public Interest Statement states that "[i]n the near term, the company could work with its vendors to develop a multi-mode phone that will allow customers access to iDEN and CDMA networks of the merged company." Is such development planned or in progress? If so, provide data on technical feasibility, time to market, size and weight, operating system, and possible applications of this dual-mode phone.*

**Response**

Please see Nextel's response to FCC Interrogatory No. 26.

**FCC INTERROGATORY NO. 29**

29. *How would the merger affect the merged entity's ability to comply with the requirement that ninety-five percent of its wireless service subscribers have location-capable handsets by December 31, 2005 (see 47 C.F.R. Section 20.18(g)(1)(v)), particularly in light of representations by Nextel in its quarterly reports that it may not be able to meet the requirement? See Nextel Partners, Inc. Phase I and Phase II Quarterly Report, CC Docket No. 94-102, filed Feb. 1, 2005 at 5-6, 8.*

**Response**

Both Sprint and Nextel have demonstrated a strong commitment to public safety and the implementation of the Enhanced 911 ("E911") mandate, including the obligation to reach 95% penetration of GPS handsets in their existing subscriber bases. Sprint was the only wireless carrier to begin selling GPS enabled devices by the Commission's original October 1, 2001 deadline and effectively reached 100% of new activations by June 30, 2003. Sprint has offered more than forty different GPS enabled models. See Sprint Quarterly Report filings. As reported in Sprint's May 2, 2005 report, since October 2001, Sprint has deployed Phase II services to 1591 public safety answering points ("PSAPs") and it has distributed over 37 million GPS-enabled handsets.

Nextel has devoted substantial resources to E911 and has deployed 868 PSAPs with Phase II E911 service. All new handsets providing interconnected voice service that Nextel offers for sale are A-GPS capable and Nextel actively markets these handsets' location capabilities and takes special steps to put these A-GPS compatible phones into the hands of its subscribers.<sup>1</sup>

The merger itself will not affect the merged Sprint Nextel's ability to comply with the Commission's December 31, 2005, 95% compliance deadline. Each company has chosen a handset-based solution to comply with the Commission's E911 Phase II rules, and all of each company's new activations for interconnected voice service are GPS enabled. Each company markets its entire portfolio of GPS-enabled units aggressively. These current facts will not change after the companies merge.

The combination of these two entities will result in the continuation of their demonstrated commitment in this area. Indeed, it is reasonable to conclude that the merger may in fact prove helpful. The merger is expected to result in quicker deployment of new technologies and services, thus making new handsets more attractive and increasing churn of older handsets. The marketing of services between the two companies may also generate greater crossover of existing customers, and as a result, the greater sale of new GPS enabled handsets on both networks. Finally, the sales momentum of both entities is expected to increase with increased scale, resulting in more new customers purchasing GPS enabled devices. All of these potential consequences of the merger would have a positive impact on the overall GPS handset penetration rate of

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<sup>1</sup> In the last year, Nextel undertook unprecedented steps to remedy a latent software problem affecting millions of GPS-capable handsets.

both companies. The merged company will also consider other specific measure to increase GPS handset penetration levels.

Finally, as Sprint has stated, despite efforts to encourage upgrades to GPS-capable handsets, it cannot require customers to abandon functioning handsets or refuse to offer service to those customers who choose not to replace their handsets. Nonetheless, current predictions show that the vast majority of handsets in use by Sprint Nextel's customers will be GPS capable by December 31, 2005. Sprint and Nextel will continue to keep the Commission informed regarding their current rate of GPS-enabled handset penetration levels over the coming weeks and months.

### **FCC INTERROGATORY NO. 30**

30. *Page 61 of the Public Interest Statement claims that the merger would not affect Sprint's and Nextel's compliance activities regarding E911 and CALEA obligations and may, in fact, further their efforts. Provide information to substantiate that claim.*

#### **Response**

Sprint has deployed CALEA-compliant solutions for both voice and packet-mode communications. In December 2004, Sprint implemented a CALEA-compliant solution for interception of its ReadyLink push-to-talk features and its 3G Vision data services – both are packet-based functionalities. The Sprint packet-mode CALEA solution is based on the current CALEA standard, J-Standard-025B. The packet-mode solution is forward looking and will also cover new 3G technology applications.

Going forward, Sprint expects to continue to work with the FBI on additional PTT capabilities sought by law enforcement. Sprint also expects to continue to work on efforts to standardize additional CALEA requirements for CDMA push-to-talk features. In addition, Sprint has contracted with its CALEA third-party vendor to provide a mapping functionality and other capabilities based on the FBI's CDMA 2000 PTT Needs Document, and it expects to launch additional capabilities later this year ("Phase 2"). Sprint is also committed to implementing further mapping capabilities if the standards process results in specifications beyond those Sprint implements in Phase 2.

Nextel was among the first of the major wireless carriers to deploy CALEA-compliant capabilities for its traditional voice interconnected network and, by early 2002, had provided a fully CALEA-compliant solution for its packet-mode push-to-talk dispatch feature. The Nextel interconnected network solution is based on the CALEA J-Standard-025, while the solution for Nextel's packet-mode push-to-talk solution is based on an industry safe harbor standard – Digital Dispatch Surveillance Standard #1 – published by the American/International Mobile Telecommunications Association on July 21, 1999, and accepted by the FBI as meeting the requirements of CALEA.

Nextel has long recognized and supported law enforcement's need to conduct lawfully-authorized electronic surveillance, and will continue to work with the FBI and law enforcement agencies to provide CALEA-compliant surveillance solutions and technical assistance. Nextel also is working with its third party vendors to provide CALEA compliant solutions for broadband and VoIP as well as packet-mode services.

After the merger, the Sprint and Nextel networks would continue to operate separately, but under common management. CALEA development efforts would continue. The merged Sprint Nextel would provide the opportunity for one CALEA management and compliance point over all products and services. A single point of contact for all legal demands; one delivery point for all intercepted call identifying information; 24x7 electronic interception staffing; and possible alignment of wiretap fees charged to law enforcement will be available from a merged Sprint Nextel.

As to E911, in addition to the potential impact on GPS handset sales described in response to Question 29, the merger may also generate cost savings that produce greater E911 implementation efficiencies for the merged company. Today, Sprint and Nextel must each deploy resources in every Public Safety Answering Point ("PSAP") area seeking E911 service—whether Phase I or Phase II. This requires each company to deploy RF engineering personnel, network design personnel, PSAP interface and management personnel, as well as support from outside vendors. The merged company will be able to combine these resources and eliminate unnecessary duplication of work. Eliminating these duplicative efforts should create greater efficiencies in E911 deployment, free up additional resources for E911 implementation, and permit each company to benefit from the successes and experience gained by the other. Similarly, the merger should increase administrative efficiency for the PSAPs themselves. Rather than having to contact two companies regarding E911 implementation, PSAPs will only need to coordinate with one entity, Sprint Nextel. Sprint Nextel's combined expertise and vast experience in E911 deployment throughout the nation will benefit PSAPs as they upgrade their systems to support E911 Phase II service.

**FCC INTERROGATORY NO. 31**

31. *Please explain how the asserted synergies resulting from the proposed merger would likely affect national security and homeland defense.*

**Response**

The combination of Nextel and Sprint will offer the nation's first responders and public safety officials a suite of products and services essential to protecting national security and preserving homeland defense. First, the merger will permit the combined company to offer broader coverage and improved service consistency throughout the country to all subscribers, which will also benefit first responders and public safety officials. It is expected that the combination of Sprint and Nextel will improve wireless service coverage, capacity, and quality for all users, including public safety, by allowing cost-effective optimization of the Sprint and Nextel cell sites, spectrum, networks, and operations, for example, by combining their cell site portfolios and filling gaps in existing coverage areas. Adding CDMA infrastructure to existing iDEN cell site shelters can improve CDMA coverage in certain market areas – both for the current network and the future 1xEV-DO Rev.A overlay.

Second, a Sprint Nextel merger allows for cost savings in excess of \$12.1 billion by making infrastructure, marketing, sales, support, and general administrative costs more efficient. As fully documented in response to Question 12, these substantial costs savings will allow the combined Sprint Nextel to continue their long history of service to the public safety community more cost effectively than before. For example, merging will allow Sprint Nextel to refine and enhance Sprint's and Nextel's existing suite of services for public safety officials.

Third, sharing assets, expertise, personnel, investments, and technology will allow Sprint Nextel to provide public safety customers with integrated wireless solutions by incorporating devices, applications, and smart network technologies into an intuitive user service more quickly and comprehensively than otherwise possible. The new network infrastructure that Sprint and Nextel envision for the 2.5 GHz band, for example, could allow for instant fingerprint identification, biometric scanning, and instantaneous access to detailed maps and building designs that would help identify criminals on the street and prevent needless loss of life. Absent the merger, however, delivering cutting-edge services in the 2.5 GHz band would prove difficult if not impossible due to a long legacy of technical limitations, coverage constraints, regulatory restrictions, and use limitations.

Fourth, the merger of Sprint Nextel will allow the carrier to provide services that make the public safer. Already, Sprint leads the industry in the deployment and advancement of enhanced 911 services across the United States. Sprint has now launched Phase I services in 2,498 PSAPs and deployed Phase II services in 1,591 PSAPs. Similarly, as of May 2, 2005, Nextel had deployed 1220 PSAPs with Phase I and 868 PSAPs with Phase II service. As the resources of the two companies are consolidated into a single operational structure, the merger of Sprint and Nextel will

forge a more diverse, redundant, and dynamic network that will increase the nation's security.

Finally, Sprint and Nextel have a long history of support for the nation's public safety and national security officials. For example, Nextel currently chairs and Sprint actively participates in the Network Reliability and Interoperability Council (NRIC) and they have dedicated a number of Nextel personnel to resolving NRIC issues such as best practices for both wireless and public data networks as well infrastructure protection and cyber security. Sprint works closely with the Department of Homeland Security National Coordinating Center for Telecommunications to support national security and emergency preparedness functions and is an active participant in NRIC. Nextel is also a board member of the E911 Institute and a participant in the National Emergency Number Association (NENA) Program and Roundtables. Once combined, Sprint Nextel will continue to lead these public safety and national security efforts.



	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	Call Sign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
2	1.01	250	Lewiston-Moscow	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WND403	Clarendon Foundation	LEWISTON	Leased	Fixed Wireless Holdings
3	1.02	250	Lewiston-Moscow	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WNC769	Views on Learning, Inc.	LEWISTON	Leased	Fixed Wireless Holdings
4	1.03	250	Lewiston-Moscow	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WND404	Center for Economic and Social Justice	LEWISTON	Leased	Fixed Wireless Holdings
5	1.04	250	Lewiston-Moscow	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WHR529	Washington State University	SPOKANE	Leased	
6	1.05	250	Lewiston-Moscow	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WLX516	Gonzaga University Telecom Association	SPOKANE	Leased	
7	1.06	250	Lewiston-Moscow	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WLX276	NACEPF, Inc.	SPOKANE	Leased	
8	1.07	250	Lewiston-Moscow	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WLX515	Spokane Community College	SPOKANE	Leased	
9	1.08	250	Lewiston-Moscow	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WHT783	Haddonfield Wireless Company	SPOKANE	Leased	
10	1.09	250	Lewiston-Moscow	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WLX514	Spokane Falls Community College	SPOKANE	Leased	
11	1.10	250	Lewiston-Moscow	H1	2650-2656	WNTJ347	Spokane H Group Partners	SPOKANE	Leased	
12	1.11	250	Lewiston-Moscow	H2	2662-2668	WNTJ348	Spokane H Group Partners	SPOKANE	Leased	
13	1.12	250	Lewiston-Moscow	H3	2674-2680	WNTJ345	Spokane H Group Partners	SPOKANE	Leased	
14	2.01	36	Bellingham	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WNC848	Global Community Institute	BELLINGHAM	Leased	Fixed Wireless Holdings
15	2.02	36	Bellingham	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WNC850	Well Spring High School	BELLINGHAM	Leased	Fixed Wireless Holdings

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
16	2.03	36	Bellingham	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WNC849	Evergreen Christian School	BELLINGHAM	Leased	Fixed Wireless Holdings
17	2.04	36	Bellingham	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WNC847	City University	BELLINGHAM	Leased	Fixed Wireless Holdings
18	2.05	36	Bellingham	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WNC846	Skagit Valley College	BELLINGHAM	Leased	Fixed Wireless Holdings
19	Licensed	36	Bellingham	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WLW745	American Telecasting Development, Inc.	BELLINGHAM	Licensed	Fixed Wireless Holdings
20	3.01	329	Oklahoma City	2	2156-2162	WFY642	Broadcast Data Corp.	OKLAHOMA CITY	Leased	
21	3.02	329	Oklahoma City	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WHT683	Hinton CATV Company, Inc.	OKLAHOMA CITY	Leased	
22	3.03	329	Oklahoma City	B1B2B3B4	B1 - 2508-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WHR791	Oklahoma City University	OKLAHOMA CITY	Leased	
23	3.04	329	Oklahoma City	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WHR559	Oklahoma Educational Television Authority	OKLAHOMA CITY	Leased	
24	Licensed	329	Oklahoma City	1	2150-2156	WJL99	American Telecasting of Oklahoma, Inc.	OKLAHOMA CITY	Licensed	
25	Licensed	329	Oklahoma City	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WHT684	American Telecasting of Oklahoma, Inc.	OKLAHOMA CITY	Licensed	
26	Licensed	329	Oklahoma City	H1	2650-2656	WNTL629	American Telecasting of Oklahoma, Inc.	OKLAHOMA CITY	Licensed	
27	Licensed	329	Oklahoma City	H2	2662-2668	WNEX724	American Telecasting of Oklahoma, Inc.	OKLAHOMA CITY	Licensed	
28	Licensed	329	Oklahoma City	H3	2674-2680	WNTM545	American Telecasting of Oklahoma, Inc.	OKLAHOMA CITY	Licensed	
29	4.01	382	Danville	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WMH572	Charles Cossa	LAFAYETTE	Leased	
30	4.02	103	Danville	H1H2H3	H1 - 2650-2656 H2 - 2662-2668 H3 - 2674-2680	WNTJ438	Charles Cossa	LAFAYETTE	Leased	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
31	4.03	103	Danville	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WND434	Ball State University	LAFAYETTE	Leased	
32	4.04	103	Danville	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WGI228	Indiana University - IHETS	WEST LAFAYETTE	Leased	
33	4.05	103	Danville	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WHR825	Vincennes University	RENSSELAER	Leased	
34	4.06	103	Danville	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WGI229	Indiana University - IHETS	WEST LAFAYETTE	Leased	
35	4.07	103	Danville	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WND295	Lafayette School Corp	LAFAYETTE	Leased	
36	Licensed	103	Danville	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WMI833	Alda Wireless Holdings, Inc	TERRE HAUTE	Licensed	
37	Licensed	103	Danville	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WLW814	Broadcast Cable, Inc.	LAFAYETTE	Licensed	
38	Licensed	459	Waco	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WND633	Alda Wireless Holdings, Inc	WEST	Licensed	Digital Broadcast Corporation (DBC)
39	Licensed	459	Waco	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WMI865B01	American Telecasting Development, Inc	WACO	Licensed	Unison
40	Licensed	257	Little Rock	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WHT723	American Telecasting of Little Rock, Inc.	LITTLE ROCK	Licensed	
41	Licensed	257	Little Rock	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WMI816	American Telecasting of Little Rock, Inc.	LITTLE ROCK	Licensed	
42	Licensed	257	Little Rock	H1H3	H1 - 2650-2656 H3 - 2674-2680	WNTJ435	American Telecasting of Little Rock, Inc	LITTLE ROCK	Licensed	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
43	5.01	39	Benton Harbor	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WLX457	NACEPF, Inc.	MISHAWAKA	Leased	
44	5.02	39	Benton Harbor	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WHR490	Indiana Higher Education Telecom. System	SOUTH BEND	Leased	
45	5.03	39	Benton Harbor	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WLX423	Views on Learning, Inc.	SOUTH BEND	Leased	
46	5.04	39	Benton Harbor	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WHR489	Northern Indiana Educational Service Center	SOUTH BEND	Leased	
47	5.05	39	Benton Harbor	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WHR491	Ivy Tech State College	SOUTH BEND	Leased	
48	5.06	39	Benton Harbor	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WND415	Benton Harbor Area Schools	ST. JOSEPH	Leased	
49	5.07	39	Benton Harbor	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WND426	St. Joseph Public Schools	ST. JOSEPH	Leased	
50	5.08	39	Benton Harbor	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WND427	Coloma Community Schools	ST. JOSEPH	Leased	
51	5.09	39	Benton Harbor	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WND428	Niles Community Schools	ST. JOSEPH	Leased	
52	5.10	39	Benton Harbor	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WND432	Lakeshore Public Schools	ST. JOSEPH	Leased	
53	licensed	39	Benton Harbor	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WMH360	American Telecasting of Michiana, Inc	ELKHART	Licensed	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
					F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632					
54	Licensed	39	Benton Harbor	F1F2F3F4	F4 - 2638-2644	WMI853	American Telecasting of Michiana, Inc.	SOUTH BEND	Licensed	
					H2 - 2662-2668					
55	Licensed	39	Benton Harbor	H2H3	H3 - 2674-2680	WNTM640	American Telecasting of Michiana, Inc.	SOUTH BEND	Licensed	
					A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530					
56	6.01	226	Kansas City	A1A2A3A4	A4 - 2536-2542	WHR531	Public Television 19, Inc.	KANSAS CITY	Leased	
					B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536					
57	6.02	226	Kansas City	B1B2B3B4	B4 - 2542-2548	WLX709	Hispanic Information and Telecommunications Netw	KANSAS CITY	Leased	
					E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626					
58	7.01	314	Nashville	E1E2E3E4	E4 - 2632-2638	WHT680	Lois Hubbard	NASHVILLE	Leased	
					F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632					
59	7.02	314	Nashville	F1F2F3F4	F4 - 2638-2644	WHT679	Presco Corporation (Pending Assignment to Fixed	NASHVILLE	Leased	
					A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530					
60	7.03	314	Nashville	A1A2A3A4	A4 - 2536-2542	WLX371	Fisk University	NASHVILLE	Leased	
					B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536					
61	7.04	314	Nashville	B1B2B3B4	B4 - 2542-2548	WLX978	Shekinah Network	NASHVILLE	Leased	
					G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674					
62	7.05	314	Nashville	G1G2G3G4	G4 - 2680-2686	WLX295	Belmont College	NOLENSVILLE	Leased	
63	Licensed	314	Nashville	H1	2650-2656	WNTM642	TDI Acquisition Corp.	NOLENSVILLE	Licensed	
64	Licensed	314	Nashville	H2	2662-2668	WNTE429	TDI Acquisition Corp.	NOLENSVILLE	Licensed	
65	Licensed	314	Nashville	H3	2674-2680	WNTE741	TDI Acquisition Corp.	NOLENSVILLE	Licensed	
					A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530					
66	8.01	177	Greenville-Spartanbu	A1A2A3A4	A4 - 2536-2542	WHR481	South Carolina Educational Television	GREENVILLE	Leased	
					B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536					
67	8.02	177	Greenville-Spartanbu	B1B2B3B4	B4 - 2542-2548	WHN712	South Carolina Educational Television	GREENVILLE	Leased	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
68	8.03	177	Greenville-Spartanbu	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WHQ305	South Carolina Educational Television	GREENVILLE	Leased	
69	8.04	177	Greenville-Spartanbu	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WLX247	Greenville Tech College	GREENVILLE	Leased	
70	8.05	177	Greenville-Spartanbu	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WHR720	South Carolina Educational Television	GREENVILLE	Leased	
71	8.06	177	Greenville-Spartanbu	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WLX277	Greenville Tech College	GREENVILLE	Leased	
72	Licensed	177	Greenville-Spartanbu	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WLW738	TTI Acquisition Corp.	GREENVILLE	Licensed	
73	Licensed	291	Merced	BTA		B291	FMA Licensee Subsidiary Inc.		Licensed	
74	9.01	291	Merced	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WHR644	Santa Clara County Board of Education	GILROY	Leased	
75	9.02	291	Merced	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WLX873	Video/Multipoint, Inc.	MARIPOSA	Leased	Fixed Wireless Holdings
76	9.03	291	Merced	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WNC213	Madera County Super. of Schools	MARIPOSA	Leased	Fixed Wireless Holdings
77	9.04	291	Merced	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WND216	Madera County Super. of Schools	MARIPOSA	Leased	Fixed Wireless Holdings
78	9.05	291	Merced	H2	2662-2668	WNTK887	Terry J. Holmes	MARIPOSA	Leased	Fixed Wireless Holdings
79	9.06	291	Merced	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WND215	California State University, Stanislaus	MERCED	Leased	Fixed Wireless Holdings
80	9.07	291	Merced	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WHR453	San Jose State University	NEW ALMADEN	Leased	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
81	9.08	291	Merced	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WLX996	Views On Learning, Inc.	SALINAS	Leased	Fixed Wireless Holdings
82	9.09	291	Merced	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WNC788	Santa Cruz County Superintendent of Schools	SALINAS	Leased	Fixed Wireless Holdings
83	9.10	291	Merced	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WMI278	Video/Multipoint, Inc.	SALINAS	Leased	Fixed Wireless Holdings
84	Licensed	291	Merced	1	2150-2156	WDU424	American Telecasting of Monterey, Inc.	GILROY	Licensed	Fixed Wireless Holdings
85	Licensed	291	Merced	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WHT715	Fresno MMDS Associates	FRESNO	Licensed	Fixed Wireless Holdings
86	Licensed	291	Merced	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WLW816	Fresno MMDS Associates	FRESNO	Licensed	Fixed Wireless Holdings
87	Licensed	291	Merced	H1	2650-2656	WNTK866	FMA Licensee Subsidiary, Inc.	MERCED	Licensed	Fixed Wireless Holdings
88	Licensed	291	Merced	H3	2674-2680	WNTK983	FMA Licensee Subsidiary, Inc.	MERCED	Licensed	Fixed Wireless Holdings
89	10.01	223	Kalamazoo	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WLX457	NACEPF, Inc.	MISHAWAKA	Leased	
90	10.02	223	Kalamazoo	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WHR490	Indiana Higher Education Telecom. System	SOUTH BEND	Leased	
91	10.03	223	Kalamazoo	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WLX423	Views on Learning, Inc.	SOUTH BEND	Leased	
92	10.04	223	Kalamazoo	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WHR489	Northern Indiana Educational Service Center	SOUTH BEND	Leased	
93	10.05	223	Kalamazoo	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WHR491	Ivy Tech State College	SOUTH BEND	Leased	
94	10.06	223	Kalamazoo	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WND415	Benton Harbor Area Schools	ST JOSEPH	Leased	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
95	10.07	223	Kalamazoo	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WND426	St. Joseph Public Schools	ST. JOSEPH	Leased	
96	10.08	223	Kalamazoo	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WND427	Coloma Community Schools	ST. JOSEPH	Leased	
97	10.09	223	Kalamazoo	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WND428	Niles Community Schools	ST. JOSEPH	Leased	
98	10.10	223	Kalamazoo	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WND432	Lakeshore Public Schools	ST. JOSEPH	Leased	
99	Licensed	223	Kalamazoo	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WMH360	American Telecasting of Michiana, Inc.	ELKHART	Licensed	
100	Licensed	223	Kalamazoo	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WMI853	American Telecasting of Michiana, Inc.	SOUTH BEND	Licensed	
101	Licensed	223	Kalamazoo	H2H3	H2 - 2662-2668 H3 - 2674-2680	WNTM640	American Telecasting of Michiana, Inc.	SOUTH BEND	Licensed	
102	11.01	33	Battle Creek	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WNC509	Vandercook Lake Public Schools	JACKSON	Leased	
103	11.02	33	Battle Creek	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WNC863	Napoleon Community Schools	JACKSON	Leased	
104	11.03	33	Battle Creek	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WNC379	Columbia School District	JACKSON	Leased	
105	11.04	33	Battle Creek	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WLY481	NACEPF, Inc.	LANSING	Leased	
106	11.05	33	Battle Creek	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WND410	Grand Ledge Public Schools	LANSING	Leased	



	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	Call Sign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
107	11.06	33	Battle Creek	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WMH808	AIG Radio Holding Co., Inc.	LANSING	Leased	
108	11.07	33	Battle Creek	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WND334	Views On Learning, Inc.	LANSING	Leased	
109	Licensed	33	Battle Creek	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WMH360	American Telecasting of Michiana, Inc.	ELKHART	Licensed	
110	Licensed	33	Battle Creek	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WMH517	American Telecasting of Jackson, Inc.	JACKSON	Licensed	
111	Licensed	33	Battle Creek	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WMI843	Alda Wireless Holdings, Inc.	JACKSON	Licensed	
112	Licensed	33	Battle Creek	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WLK205	American Telecasting of Lansing, Inc.	LANSING	Licensed	
113	Licensed	33	Battle Creek	H2H3	H2 - 2662-2668 H3 - 2674-2680	WNTM549	American Telecasting of Lansing, Inc.	LANSING	Licensed	
114	12.01	232	Knoxville	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WLW953	Belwen, Inc.	KNOXVILLE	Leased	
115	12.02	232	Knoxville	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WHT720	ABC Entertainment Systems, Inc.	KNOXVILLE	Leased	
116	12.03	232	Knoxville	H1	2650-2656	WNEZ664	Libmot Communications Partnership	KNOXVILLE	Leased	
117	12.04	232	Knoxville	H2	2662-2668	WNTF779	George W. Bott	KNOXVILLE	Leased	
118	12.05	232	Knoxville	H3	2674-2680	WNTE475	Woodrow A. Baker	KNOXVILLE	Leased	
119	12.06	232	Knoxville	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WLX221	Johnson Bible College	KNOXVILLE	Leased	
120	12.07	232	Knoxville	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WHR733	Pellissippi State Technical Community College	KNOXVILLE	Leased	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
121	12.08	232	Knoxville	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WHR732	Pellissippi State Technical Community College	KNOXVILLE	Leased	
122	13.01	425	Spokane	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WND403	Clarendon Foundation	LEWISTON	Leased	
123	13.02	425	Spokane	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WNC769	Views on Learning, Inc	LEWISTON	Leased	
124	13.03	425	Spokane	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WND404	Center for Economic and Social Justice	LEWISTON	Leased	
125	13.04	425	Spokane	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WHR529	Washington State University	SPOKANE	Leased	
126	13.05	425	Spokane	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WLX516	Gonzaga University Telecom Association	SPOKANE	Leased	
127	13.06	425	Spokane	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WLX276	NACEPF, Inc.	SPOKANE	Leased	
128	13.07	425	Spokane	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WLX515	Spokane Community College	SPOKANE	Leased	
129	13.08	425	Spokane	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WHT783	Haddonfield Wireless Company	SPOKANE	Leased	
130	13.09	425	Spokane	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WLX514	Spokane Falls Community College	SPOKANE	Leased	
131	13.10	425	Spokane	H1	2650-2656	WNTJ347	Spokane H Group Partners	SPOKANE	Leased	
132	13.11	425	Spokane	H2	2662-2668	WNTJ346	Spokane H Group Partners	SPOKANE	Leased	
133	13.12	425	Spokane	H3	2674-2680	WNTJ345	Spokane H Group Partners	SPOKANE	Leased	
134	14.01	413	Seattle-Tacoma	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	ANC848	Spokane Community Institute	BELLINGHAM	Leased	Fixed Wireless Holdings

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	Call Sign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
135	14.02	413	Seattle-Tacoma	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WNC850	Well Spring High School	BELLINGHAM	Leased	Fixed Wireless Holdings
136	14.03	413	Seattle-Tacoma	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WNC849	Evergreen Christian School	BELLINGHAM	Leased	Fixed Wireless Holdings
137	14.04	413	Seattle-Tacoma	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WNC847	City University	BELLINGHAM	Leased	Fixed Wireless Holdings
138	14.05	413	Seattle-Tacoma	G1G2G3G4	G1 - 2644-2650 G2 - 2656-2662 G3 - 2668-2674 G4 - 2680-2686	WNC846	Skagit Valley College	BELLINGHAM	Leased	Fixed Wireless Holdings
139	14.06	413	Seattle-Tacoma	A1A2A3A4	A1 - 2500-2506 A2 - 2512-2518 A3 - 2524-2530 A4 - 2536-2542	WHR528	KCTS	SEATTLE	Leased	
140	14.07	413	Seattle-Tacoma	B1B2B3B4	B1 - 2506-2512 B2 - 2518-2524 B3 - 2530-2536 B4 - 2542-2548	WHR622	KCTS	SEATTLE	Leased	
141	14.08	413	Seattle-Tacoma	C1C2C3C4	C1 - 2548-2554 C2 - 2560-2566 C3 - 2572-2578 C4 - 2584-2590	WNC381	KCTS	SEATTLE	Leased	
142	14.09	413	Seattle-Tacoma	D1D2D3D4	D1 - 2554-2560 D2 - 2566-2572 D3 - 2578-2584 D4 - 2590-2596	WLV726	NACEPF, Inc.	SEATTLE	Leased	
143	14.10	413	Seattle-Tacoma	E1E2E3E4	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WHT656	Lois Hubbard	SEATTLE	Leased	
144	Licensed	413	Seattle-Tacoma	F1F2F3F4	F1 - 2602-2608 F2 - 2614-2620 F3 - 2626-2632 F4 - 2638-2644	WLV745	American Telecasting Development, Inc.	BELLINGHAM	Licensed	Fixed Wireless Holdings
145	Licensed	413	Seattle-Tacoma	1	2150-2156	WMI902	American Telecasting of Seattle, Inc.	SEATTLE	Licensed	
146	15.01	410	Savannah	E1	E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626 E4 - 2632-2638	WLV749	Inner City Broadcasting Corp.	BLOOMINGDALE	Leased	
147	15.02	410	Savannah	H2	2662-2668	WMX341	Broadband Mobile Data IV, LLC	BLOOMINGDALE	Leased	
148	15.03	410	Savannah	H3	2674-2680	WMX340	Broadband Mobile Data IV, LLC	BLOOMINGDALE	Leased	

	A	B	C	D	E	F	G	H	I	J
1	Record #	BTA#	BTA Name	Freq Channels	Freq	CallSign	Licensee Name	Transmitter Station Location	Status	Leased or Sub-Leased to a Third Party
					E1 - 2596-2602 E2 - 2608-2614 E3 - 2620-2626					
149	Licensed	410	Savannah	E1	E4 - 2632-2638	WLW749	Inner City Broadcasting Corp.	BLOOMINGDALE	Leased	
150	Licensed	410	Savannah	H2	2662-2668	WMX341	Broadband Mobile Data IV, LLC	BLOOMINGDALE	Leased	
151	Licensed	410	Savannah	H3	2674-2680	WMX340	Broadband Mobile Data IV, LLC	BLOOMINGDALE	Leased	

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**FOR IMMEDIATE RELEASE**

**Sprint PCS and Wau.com Partner to Feature First Spanish Site on  
Sprint PCS Wireless Web**

***Spanish-speaking Customers Now Have the Ability to Access  
Spanish Web Site Virtually Anytime, Anywhere***

Kansas City, Mo., and Mexico City, Mexico (January 22, 2001) – Sprint PCS, the fastest growing all-digital, all-PCS wireless carrier in the United States, today announced a strategic alliance to feature Wau.com via the Sprint PCS Wireless Web. This partnership is the first of its kind, offering the first Spanish language web site to Sprint PCS customers via Sprint PCS Internet-ready Phones, and expanding the strategic alliance between Sprint PCS and Pegaso PCS.

For the first time, Sprint PCS customers will be able to access Wau.com services in Spanish virtually anytime, anywhere on the Sprint PCS nationwide network. Wau.com is the first wireless portal that keeps the Spanish-speaking community in touch with Mexico and Latin America. The site features access to Mexico and Latin America's news, real time sports scores, weather, horoscopes and more. Sprint PCS is the first Wireless Web provider to offer content in Spanish to its customers.

"We're excited to offer the first Spanish web site on the Sprint PCS Wireless Web. Our partnership with Wau.com demonstrates our continuing commitment to meet our customer's wireless data needs," said Chip Novick, vice president of Consumer Marketing for Sprint PCS. "We're pleased to offer Wau.com via the Sprint PCS Wireless Web to our bilingual and Spanish-speaking customers."

"Our partnership with Sprint PCS brings upon a great opportunity for Wau.com to expand throughout the U.S. market. Now Sprint's Spanish-speaking wireless users will be able to keep in touch with their culture of origin, and communicate with their family and friends in Mexico," said Emilio Braun Burillo, CEO for Wau.com. "We are thrilled to be working with the pioneer of the wireless web in the U.S. and look forward to creating new and exciting services and applications to fulfill Wireless Web customer needs."

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**About Sprint PCS**

Sprint PCS operates the largest 100 percent digital, 100 percent PCS, voice and data nationwide wireless network in the United States, already serving the majority of the nation's metropolitan areas including more than 4,000 cities and communities across the country. Sprint PCS has licensed PCS coverage of nearly 270 million people in all 50 states, Puerto Rico and the U.S. Virgin Islands. For more information, visit the Sprint PCS web site at [www.sprintpcs.com](http://www.sprintpcs.com).

Sprint PCS is a wholly-owned tracking group of Sprint Corporation trading on the NYSE under the symbol "PCS." Sprint is a global communications company - at the forefront of integrating long-distance, local and wireless communications services, and a large carrier of Internet traffic. Sprint built and operates the United States' first nationwide all-digital, fiber-optic network and is a leader in advanced data communications services. Sprint has \$20 billion in annual revenues and serves more than 20 million business and residential customers.

**About Wau.com**

Wau.com is the first wireless portal that keeps the Hispanic community in touch with Mexico and Latin America. In Wau.com you will find easy access to Mexico and Latin America's news, sports, real time sports scores, finance information, jokes, horoscopes and games. You can also register for a "Mi Wau" account directly from your mobile or by PC at [www.wau.com](http://www.wau.com), to have personalized information and services such as your email accounts, calendar, content and alerts all in "Mi Wau."

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<http://www.sprintpcs.com/news>

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**For Immediate Release**

**SPRINT PCS PHONE SCP-5000 BY SANYO IS  
FIRST MOBILE PHONE IN U.S. WITH FULL-COLOR SCREEN**

*256-Color Screen Ideal for Users in Downloading Color Photos to Phone  
for "Photo Caller ID" on Incoming Calls*

*One-Touch Web Access Makes Sprint PCS Wireless Web Navigation Fast and Easy*

KANSAS CITY, Mo., March 29, 2001 – Sprint PCS (NYSE: PCS) and Sanyo Fisher Company today announced the nationwide availability of the Sprint PCS Phone SCP-5000 by Sanyo, a compact, clamshell-design handset featuring the first full-color screen on a mobile phone marketed in the United States. The large, two-inch (measured diagonally), 256-color display has backlighting for exceptional readability, enhancing the user's Sprint PCS Wireless Web experience — making it easier than ever to read email messages and make menu selections. Up to 20 digital color photos of family, friends, or business associates can be downloaded, then synchronized with phone book entries, providing an onscreen "Photo Caller ID" for select incoming calls.

The phone, which also offers one-touch Sprint PCS Wireless Web access, voice-activated dialing, menu-driven navigation and a convenient external Caller ID screen, is available for \$499.99 at Sprint Stores and other participating retailers within the Sprint PCS 100-percent digital, 100-percent PCS nationwide wireless network.

"With the first full-color screen and downloadable images in the U.S., customers will immediately notice that the Sprint PCS SCP-5000 successfully integrates an innovative, full-color display into a compact and easy-to-use handset," said Charles Levine, president of Sprint PCS. "With one-touch Sprint PCS Wireless Web access in addition to the full-color screen, Sprint PCS and Sanyo have created a mobile tool with style to spare."

"As with our previous models, the SCP-5000 was designed especially for use on the digital Sprint PCS nationwide network," said Atsushi Kodera, vice president, general manager of Sanyo Fisher Company's Communications/Information Technology Division. "Our ongoing relationship with Sprint PCS has inspired us to create our most innovative phone — one that offers an uncompromising user interface with its color screen."

Consumers can personalize their phone experience by downloading up to 20 digital color images, plus up to five images reserved for use as wallpaper. Photo Caller ID allows the downloaded photographs to be linked with address book entries, letting users see who's calling. In addition, Call Screening acts like a home answering machine, enabling the user to decide whether or not to take the call while a supplied or user-recorded announcement greets the caller.

The Sprint PCS Phone SCP 5000 was designed with ergonomic comfort, convenience and navigation in mind. The "Web" button, located left of the navigation key, offers one-step convenience and simplicity when accessing the Sprint PCS Wireless Web. Access to Sprint PCS e-mail accounts can also be easily achieved by simply pressing the left "soft key." For selecting the majority of menu options, the thumb-operable navigation key offers mouse-like speed and convenience.

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When the clamshell is closed, the external screen is useful to identify incoming calls or missed calls. Additionally, this display indicates the battery level, new voice memos, local time and new messages. An external LED (green/red) blinks green when there are incoming calls and blinks red to indicate received messages, voicemail, etc.

Complementing the sleek, ultra-compact design of the phone is its exceptionally thin (3/16-inch) Lithium Ion standard battery (included) which offers two hours of digital talk time or 120 hours of digital standby time. An optional high-capacity Lithium Ion battery can provide five hours of digital talk time or 12 days of digital standby time.

Additional feature highlights of the Sprint PCS Phone SCP-5000 by Sanyo include:

- Dual band design: 1.9 gigahertz digital, 800 MHz analog
- Full Spanish text and Spanish voice prompt options
- Enhanced phone book stores up to 300 phone book entries, up to nine numbers per entry; and holds up to 500 phone numbers and 300 e-mail and web addresses
- 16 four-chord melody selections, plus silent vibrating ringer alert. The user can select from several classic melodies; four unique ringer selections: old fashioned telephone, pigeons, rooster or laser missile
- Additional ringers (any small, standard midi file) can be downloaded
- Electronic organizer: a color scheduler/calendar, to-do list and event manager; function alarms remind the user of important events or calls to be made
- Enhanced call log captures last 10 incoming, 10 outgoing and 10 missed calls
- Up to 10 user-defined folders to store received messages
- Adjustable screen contrast allows five contrast variations to ensure optimal viewability; four user-selectable menu colors for easy personalization

The Sprint PCS Phone SCP-5000 by Sanyo includes a standard battery, travel charger, serial data cable, CD-ROM software (Sprint PCS Dialer™ Software and Downloading Software) and a convenient belt-clip holster. Phone dimensions are 3.74"H x 1.93"W x 0.94"D. Weight is 3.53 ounces.

#### **About Sprint PCS**

Sprint is a world-class global communications company – at the forefront of integrating wireline and wireless communications services. Sprint is a large carrier of Internet traffic and a leader in broadband communications. Sprint built and operates the United States' first nationwide all-digital, fiber-optic network and provides a portfolio of advanced data communications services. Sprint operates the largest 100-percent digital, 100-percent PCS nationwide wireless network in the United States, already serving the majority of the nation's metropolitan areas including more than 4,000 cities and communities across the country. Sprint has \$23 billion in annual revenues and serves more than 23 million business and residential customers.

#### **About Sanyo**

Sanyo Electric Co., Ltd. (NASDAQ: SANYY) is a \$19 billion manufacturer and distributor of consumer and commercial electronics, including multimedia and telecommunication products. Sanyo is the world's largest supplier of digital still cameras and rechargeable batteries, as well as the leading CDMA One supplier in Japan.

Sanyo Fisher Company is a division of Sanyo North America Corporation, a subsidiary of Sanyo Electric Co., Ltd. Sanyo and Fisher products marketed in the U.S. by Sanyo Fisher Company include PCS phones, audio/video components, portable and mobile audio equipment, televisions, VCRs, DVD players, dictation machines, digital still cameras, home appliances, LCD projectors, security video equipment and air conditioning systems. For more information, visit Sanyo's U.S. web sites at [www.sanyo.com](http://www.sanyo.com) and [www.sanyousa.com](http://www.sanyousa.com).

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<http://www.sprintpcs.com/news>

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**For Immediate Release**

**SPRINT UNVEILS THE SPRINT PCS PHONE SCP-6000 BY SANYO AS THINNEST  
WIRELESS PHONE IN THE UNITED STATES**

*Features Strong, Magnesium Alloy Face Plate and "Photo Caller ID" Capability  
Plus One-Touch Sprint PCS Wireless Web Access, One-Touch Voice Memo and Voice-Activated Dialing*

KANSAS CITY, Mo., June 25, 2001 – Sprint (NYSE: FON/PCS) and Sanyo Fisher Company today unveiled the Sprint PCS Phone SCP-6000 by Sanyo, the thinnest wireless phone in the United States. Designed to fit stealthily into almost any pocket or purse, the fashionably thin phone has a magnesium alloy face plate to provide extra strength and durability. Available exclusively through Sprint PCS, the SCP-6000 is expected on store shelves the first part of July.

This sleek and ultra compact new phone measures a mere .36 inches deep and 5 inches high by 1 1/2 inches wide. It weighs only 2.29 ounces with its standard Lithium Ion battery attached.

An optional software/cable package lets users personalize the phone by downloading up to 20 digital photos of friends, family and business associates, which can then be synchronized with phone book entries, providing an onscreen "Photo Caller ID" with select incoming calls. Up to five additional images of anything from pets to vacation photos can be downloaded and used as standby image "wallpaper." The optional software/cable package also allows users to download up to 22 additional ringers in midi file format. The customizable (green or orange) backlit display is ideal for low to no light environments.

The Sprint PCS Phone SCP-6000 by Sanyo is exceptionally easy to use, offering one-touch Sprint PCS Wireless Web access, one-touch voice memo, voice-activated dialing, call screening and adjustable font sizes. It is available for \$299.99 at Sprint Stores and other participating retailers within the Sprint PCS 100-percent digital, 100-percent PCS nationwide wireless network.

"The Sprint PCS Phone SCP-6000 by Sanyo will immediately attract attention with its ultra-thin and light design," said Charles Levine, president of Sprint PCS. "With the incredibly compact SCP-6000, the thinnest wireless phone in the U.S., and the recent availability of the SCP-5000, the first wireless phone in the U.S. with a full-color screen, Sprint PCS and Sanyo are creating the cutting-edge devices that are extremely popular overseas and making them available in the U.S., only through Sprint PCS."

"The SCP-6000 offers its owners an outstanding user experience," said Atsushi Kodera, group vice president, general manager of Sanyo Fisher Company's Communications/Information Technology Division. "This phone is small and thin enough to fit in a pocket, yet it's designed for superior durability while providing an excellent feature package."

Features on the Sprint PCS Phone SCP-6000 by Sanyo include call screening, which functions like a home answering machine, letting the user decide whether or not to take the call while a supplied or user-recorded announcement greets the caller. One-touch voice memo allows up to eight 18-second memos or screened calls to be recorded simply by pressing a key. Voice-activated dialing lets users call up to 30 stored entries by speaking the name into the handset's microphone.

One-button Web access makes Sprint PCS Wireless Web navigation fast and easy. Access to menu options, including Sprint PCS e-mail accounts, also can be easily achieved with the thumb-operable navigation key which offers mouse-like speed and convenience.

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The phone's standard Lithium Ion battery (included) offers 2.25 hours of digital talk time or 160 hours of digital standby time. An optional high-capacity Lithium Ion battery can provide four hours of digital talk time or 275 hours of digital standby time. The SCP-6000 is a single-band design: 1.9 gigahertz digital transmission (CDMA).

Highlights of the Sprint PCS Phone SCP-6000 by Sanyo include:

**Personalization:**

- Photo Caller ID
- Downloadable Images including wallpaper (up to 25)
- Animation: if enabled, animation occurs while placing a call
- 16 harmonious 4-chord ringer melodies, plus silent-vibrating ringer alert (Six classic melody ringer selections, five unique ringer selections: old fashioned telephone, pigeon, rooster crow, laser missile or morning drive)
- Downloadable Ringers (up to 22)
- Customized Backlighting: orange or green
- Adjustable LCD screen contrast allows five contrast variations to ensure optimal viewability
- Adjustable font sizes; the user can choose from four font sizes for message and browser functions to optimize legibility
- Enhanced Internal Phone Book: Enhanced phone book stores up to 300 phone book entries, up to seven numbers per entry; and holds up to 500 phone numbers and 300 e-mail and web addresses
- Personal Profile

**Productivity Tools:**

- Electronic Organizer: a scheduler/calendar, to-do list, event manager and function alarms remind the user of important events or calls to be made
- One-Touch Web Access
- One-Touch Voice Memo
- Voice-activated dialing for up to 30 phone book numbers, voice screening, and voice memo for up to eight, 18-second messages
- 2.5mm headset jack for connecting ear bud for convenient, hands-free operation.

**Wireless Data Tools:**

- Wireless circuit switched data and fax capabilities
- Mini-Browser (phone.com, 4.1) for Email and Internet Access. Check your stocks, weather, flight schedule, or the latest news to find out if your favorite sports team won, and message your friends to let them know!

The Sprint PCS Phone SCP-6000 by Sanyo includes a standard battery, travel charger, user guide, quick reference guide and accessory guide.

**About Sprint**

Sprint is a global communications company serving 23 million business and residential customers in more than 70 countries. With more than 80,000 employees worldwide and \$23 billion in annual revenues, Sprint is widely recognized for developing, engineering and deploying state of the art network technologies, including the United States' first nationwide all-digital, fiber-optic network. Sprint's award-winning Tier 1 Internet backbone is being extended to key global markets to provide customers with a broad portfolio of scaleable IP products. Sprint's high-capacity, high-speed network gives customers fast, dependable, non-stop access to the vast majority of the world's Internet content. Sprint also operates the largest 100-percent digital, nationwide PCS wireless network in the United States, already serving the majority of the nation's metropolitan areas including more than 4,000 cities and communities.

For more information, visit the Sprint PCS web site at <http://www.sprintpcs.com>.

**About Sanyo**

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Sanyo Fisher Company is a division of Sanyo North America Corporation, a subsidiary of Sanyo Electric Co., Ltd. Sanyo and Fisher products marketed in the U.S. by Sanyo Fisher Company include PCS phones, audio/video components, portable

1087191.1 Sprint PCS Phone SCP-5000 by Sanyo

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and mobile audio equipment, televisions, VCRs, DVD players, dictation machines, digital still cameras, home appliances, LCD projectors, security video equipment and air conditioning systems. For more information, visit Sanyo's U.S. web sites at [www.sanyo.com](http://www.sanyo.com) and [www.sanyousa.com](http://www.sanyousa.com).

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FOR IMMEDIATE RELEASE

**SPRINT IS FIRST TO CONNECT CUSTOMERS NATIONWIDE TO VOICE-ENABLED WEB CONTENT THROUGH PCS VOICE COMMAND**

*With the Clear Sound of Their Voices, Sprint's PCS Customers Nationwide Can Now Access Email, Stocks, Horoscopes, Traffic Reports and Other Voice-Enabled Web Applications*

**KANSAS CITY, Mo., May 23, 2001** – Sprint (NYSE: FON, PCS) today announced the nationwide availability of voice-enabled, web services through PCS Voice Command<sup>SM</sup>. Sprint's PCS Voice Command customers will be able to listen and respond to email, access news, stocks, horoscopes, traffic reports and TV updates for both soap operas and prime time shows as well as a whole host of other services just by pressing \*TALK or \*OK and speaking into any of Sprint's PCS Phones.

The new content is an expansion of Sprint's PCS Voice Command service and is available at no additional charge and requires no additional set-up. Sprint's current PCS customers can conveniently access the information using the same PCS Voice Command steps that they utilize today — just press \*TALK or \*OK; after the "Ready" prompt, simply say, "Call Weather," "Call Traffic Reports" or "Call My Email."

Sprint's PCS Voice Command is a network-based voice-activated dialing and information service. PCS Voice Command enables customers to safely and quickly access important people and information in their business and personal lives, extending the clarity and simplicity of Sprint to a new level. The service provides each customer with a personal Web page at [www.talk.sprintpcs.com](http://www.talk.sprintpcs.com) to manage, organize and easily enter up to 2,500 numbers in an extensive address book, eliminating the need to voice train each entry. By using their voices, PCS Voice Command customers can dial, look-up directory names, modify their address book entries, and perform various speech-enabled, voice-independent functions while using any of Sprint's PCS Phones.

PCS Voice Command is available immediately to all of Sprint's PCS customers, and PCS Voice Command is available at no additional charge for three months on any service plan, then \$5 per month.

The new voice-controlled information services enable customers to listen and respond to many popular email services and Sprint's PCS Wireless Web mail, access stocks, travel and traffic updates, daily horoscopes, TV updates and much more. Customers can also organize content by creating personalized folders such as "My Stocks" with the same personal Web page used to manage their phonebooks for voice-activated dialing.

"Sprint's PCS Voice Command just became more powerful. We have taken the same superior clarity offered by Sprint when making voice calls and combined it with the best web information content," said Charles Levine, president of Sprint's PCS Division. "Sprint is the first and only wireless carrier to offer nationwide voice-enabled web services to customers for access to email and powerful web content when they need it, anywhere on Sprint's nationwide PCS network, from any of Sprint's PCS Phones."

HeyAnita, a leading voice technology company, is providing the software, content and services to deploy nationwide access to the new voice-activated Web content. Initial voice-enabled web services will include Stocks, Sports, Newsroom, My Quick List, Email, Weather, Traffic, Horoscopes, Travel, Entertainment and Tools. New applications will be introduced throughout the year.

For more information on products and services, please visit [www.sprint.com/mr](http://www.sprint.com/mr).

#### **About Sprint**

Sprint is a global communications company serving more than 26 million business and residential customers in over 70 countries. With approximately 80,000 employees worldwide and more than \$26 billion in annual revenues, Sprint is widely recognized for developing, engineering and deploying state of the art network technologies, including the United States' first nationwide all-digital, fiber-optic network. Sprint's award-winning Tier 1 Internet backbone is being extended to key global markets to provide customers with a broad portfolio of scalable IP products. Sprint's high-capacity, high-speed network gives customers fast, dependable, nonstop access to the vast majority of the world's Internet content. Sprint also operates the largest 100-percent digital, nationwide PCS wireless network in the United States, already serving the majority of the nation's metropolitan areas, including more than 4,000 cities and communities.

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Sprint Response to FCC Interrogatory No. 3 - Sprint Firsts

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For Immediate Release

**SPRINT IS FIRST TO OFFER SPANISH-LANGUAGE BILLS  
TO SPRINT PCS CUSTOMERS NATIONWIDE**

**KANSAS CITY, Mo., (August 29, 2001)** – Sprint (NYSE: FON/PCS), which operates the largest 100-percent digital, nationwide PCS wireless network in the United States, today announced the nationwide availability of Spanish-language bills to new and existing Sprint PCS customers. Sprint PCS customers nationwide can receive their monthly service bills in Spanish just by pressing \*2 TALK on their Sprint PCS Phones.

"Sprint PCS is proud to be the first U.S. wireless carrier to offer Spanish-language bills to customers nationwide," said Antonio Castañon, senior vice president of Sprint PCS Customer Solutions. "Providing Spanish-language bills is another step in Sprint PCS' ongoing commitment to satisfy the needs of our customers. Improving the quality of the customer experience as well as providing clear and simple service that brings Sprint PCS customers unparalleled value remains a top priority."

Just by pressing \*2 TALK on their Sprint PCS Phones, Sprint PCS customers will be connected to a Sprint PCS Customer Solutions Advocate who will ensure that customers will receive their bills in Spanish when requested. Advocates fluent in Spanish are available to take calls from Spanish-speaking customers, a service that Sprint PCS has offered for several years. Sprint PCS also offers \*5 TALK, a service that has been available for more than a year, as an automated way for customers to check their accounts in Spanish.

With the addition of Spanish-language bills, Sprint PCS continues to offer more options to its bilingual and Spanish-speaking customers nationwide. In January 2001, Sprint PCS was the first U.S. wireless carrier to offer a wireless Spanish-language web site. Wau.com, available on The Sprint PCS Wireless Web, is the first wireless portal to keep the Spanish-speaking community in touch with Mexico and Latin America. The site features access to Mexico and Latin America's news, real time sports scores, weather, horoscopes and more.

Sprint PCS also offers phones that feature bilingual display capabilities. Sprint PCS' most recent bilingual phone is the Sprint PCS Phone SPH-N200 by Samsung, which allows customers to change the screen display and voice prompts from English to Spanish. In addition, Sprint PCS and Pegaso PCS of Mexico have an agreement that allows cross-border services, including preferred roaming rates, that enables access for PCS customers in major cities in North America and Mexico. This agreement is an important step in offering a ubiquitous CDMA network in North America, strengthening Sprint PCS' ability to seamlessly offer customers on both sides of the border the superior clarity, nationwide coverage and value of Sprint PCS' national PCS networks.

**About Sprint**

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For more information, visit the Sprint PCS web site at <http://www.sprintpcs.com>.

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Sprint Response to FCC Interrogatory No. 3 - Sprint Firsts

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**For Immediate Release**

**SPRINT AND SAMSUNG TELECOMMUNICATIONS AMERICA LAUNCH AMERICA'S FIRST  
GPS-ENABLED WIRELESS PHONE, THE SPRINT PCS SPH-N300**

*The Sprint PCS SPH-N300 by Samsung Delivers Today's Best Wireless Features and is Designed to  
Support Location-Based and E911 Services of the Future*

Kansas City, Mo., and Dallas, Tex., October 1, 2001 – Sprint (NYSE: FON/PCS), which operates the largest all-digital, all-PCS nationwide network, and Samsung Telecommunications America (STA) have launched the SPH-N300, America's first GPS-enabled wireless phone. The Sprint PCS SPH-N300 by Samsung is designed to support future location-based and E911 emergency services, as they become available on the Sprint PCS nationwide network but works today nationwide as a Sprint PCS Phone. Sprint PCS is the first and only wireless carrier to meet the Federal Communication Commission's deadline of selling a GPS-enabled handset by October 1, 2001. This deadline is part of the FCC Phase II Mandate requiring all wireless carriers to more precisely locate 911 callers using a "handset solution" or a "network solution." The Sprint PCS SPH-N300 by Samsung will dial 911 today, but the GPS-enabled, location functionality is not currently available. This functionality will roll out in conjunction with local public safety agencies on a market-by-market basis.

In the future, the GPS technology will also enable enhanced location-based services that could include applications such as driving directions, traffic services, and locating and planning for local entertainment. Location-based services – with the exception of E911 services – will be permission-based, meaning Sprint PCS customers will need to "opt-in" the services they wish to have delivered to the phone. Sprint PCS customers will be able to disable the GPS, location-based commercial services through the menu on the SPH-N300. Customers will not be able to disable the E911 emergency services.

"The launch of the SPH-N300 makes Sprint PCS the first and only carrier to meet the FCC handset deadline today and puts us at a clear advantage for offering GPS-enhanced services in the future," said John Garcia, senior vice president of sales and distribution for Sprint PCS. "In addition to GPS-technology, the Sprint PCS SPH-N300 packs all the top features our customers want today into a stylish, affordable phone making America's first GPS-enabled wireless phone, an immediate great buy."

"In keeping with the long line of wireless firsts introduced by Samsung Telecommunications America, we are the first and only manufacturer to deliver a GPS-enabled handset in the U.S.," said Peter Skarzynski, senior vice president of wireless sales and marketing, STA. "Samsung Telecommunications America continues to set the 'Samsung standard' and prove it is a leader in the trend toward convergence technology by bringing to market a series of industry firsts, including, America's first Palm Powered™ phone, handsets featuring voice-activated dialing, handsets with integrated MP3 capabilities and handsets with bi-lingual capabilities."

Measuring a mere 4.5"H x 1.9" W x 0.9"D, and weighing 4.1 ounces with a standard battery, the SPH-N300 is compact and modern, yet full of today's hottest features. Its compact flip style and metallic blue exterior gives consumers a sleek tool for staying connected and organized with its advanced voice and data capabilities. The SPH-N300 offers customers the Openwave 4.1 Browser, for quick and easy access to the Wireless Web; Personal Information Management (PIM) features including calendar with scheduler and alarms, "to-do" list, calculator, and countdown feature; enhanced phone book that stores up to 199 numbers; 23 new ringers; and a customizable display. The SPH-N300 is available for \$149.99 at Sprint Stores and at [sprintpcs.com](http://sprintpcs.com).

Feature highlights of the dual-band Sprint PCS Phone SPH-N300 by Samsung include:

Personalization

- 23 new ringers including a mix of melodic and "traditional" ringers, vibrate ringer, and silent ringer.
- Multi-lingual (English/Spanish) display capabilities
- Customizable banner greeting

Productivity

- PIM functionality (Personal Information Manager) including calendar with scheduler and alarms, "to-do" list, calculator, and countdown feature.
- Enhanced phone book stores up to 199 numbers
- 10 voice activated dialing numbers
- Tegic T-9 predictive text entry for ease of messaging and wireless email with Sprint PCS' suite of wireless messaging services
- Voice-activated dialing
- 2 built-in games
- Battery life 3.8 hours talk or 192 hours standby in digital mode

Wireless Data Tools

- Wireless circuit switched data and fax capabilities
- Mini-Browser - new Openwave 4.1 WAP-compliant for Email and Internet Access. With access to The Sprint PCS Wireless Web, you can send and receive e-mails and instant messages, buy movie and concert tickets, and check your stocks, weather, flight schedule or the latest news to find out if your favorite sports team won.

The FCC Phase II Mandate requires all wireless carriers, within six months of a request from a public safety answering point, be able to locate 67 percent of 911 callers within 50 meters using a "handset solution" or 100 meters using a "network solution." Sprint PCS has chosen a handset-based GPS solution to fulfill the requirements. This solution will enable Sprint PCS to provide the most accurate location information available to emergency dispatchers.

With the launch of the SPH-N300, Sprint PCS is meeting the Commission's October 1, 2001 deadline to begin selling GPS-enabled handsets and expects to convert all new handsets to GPS technology by the end of 2002. Despite a steadfast commitment, factors beyond Sprint PCS' control have delayed the installation of the network infrastructure to support the GPS-enabled services in all Sprint PCS markets. Phase II services will be deployed in conjunction with public safety requests on a market-by-market basis.

**About Samsung Telecommunications America**

Samsung Telecommunications America, a Dallas-based subsidiary of Samsung Electronics Company, Ltd., researches, markets and develops wireless handsets and telecommunications products throughout North America. For more information, see STA's web site at [www.samsungusa.com](http://www.samsungusa.com).

Samsung Electronics Company, Ltd., a \$30 billion flagship company of the Korean-based Samsung Group, is a world leader in electronics, with operations in over 50 countries.

**About Sprint**

Sprint is a global communications company serving 23 million business and residential customers in more than 70 countries. With more than 80,000 employees worldwide and \$23 billion in annual revenues, Sprint is widely recognized for developing, engineering and deploying state of the art network technologies, including the United States' first nationwide all-digital, fiber-optic network. Sprint's award-winning Tier 1 Internet backbone is being extended to key global markets to provide customers with a broad portfolio of scalable IP products. Sprint's high-capacity, high-speed network gives customers fast, dependable, non-stop access to the vast majority of the world's Internet content. Sprint also operates the largest 100-percent digital, nationwide PCS wireless network in the United States, already serving the majority of the nation's metropolitan areas including more than 4,000 cities and communities.

For more information, visit the Sprint PCS web site at <http://www.sprintpcs.com>.



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**FOR IMMEDIATE RELEASE**

**Sprint and Samsung Telecommunications America Set to Introduce America's  
First Sleek, Full-Color Screen, Palm Powered™ Phone**

*Sprint PCS and Samsung Bringing the SPH-I300 Palm Powered™ Handset to Customers  
Looking for a Fully Integrated, Fashionably Chic Device for their Voice and Data Needs*

**Kansas City, MO and Dallas, TX (October 4, 2001)** – Wireless industry leaders Samsung Telecommunications America (STA) and Sprint (NYSE: FON/PCS) today announced the availability of the SPH-I300 Sprint PCS Phone by Samsung, a wireless handset featuring the benefits of the Palm-OS® platform in a sleek, full-color-screen device. The SPH-I300 is a wireless PDA (Personal Digital Assistant) phone that was developed jointly by Sprint PCS and STA, in conjunction with Palm. The SPH-I300 will operate on the 100 percent digital CDMA (Code Division Multiple Access) Sprint PCS nationwide network and is now available exclusively at Sprint Stores. The new device will be available online via the joint Sprint PCS/STA Web site ([www.sprintpcs.com/samsung](http://www.sprintpcs.com/samsung)), through Sprint PCS business sales channels and at third party retailers at the end of October.

The SPH-I300 demonstrates Sprint PCS and STA's commitment to providing business customers and consumers with innovative technology and cutting-edge features in both their wireless devices and services. The SPH-I300 enables customers to do everything from beaming contact information to scheduling meetings and downloading presentations while talking on the phone. This Palm Powered™ phone eliminates the need for business customers to carry their PDA, laptop and wireless phone on business trips or to meetings, allowing them to minimize the number of devices they carry, while maximizing efficiency.

Weighing only six ounces with the standard battery, the dual-band handset offers a backlit, virtual dialing pad on the Touch Screen Panel (TSP) with a 256-color display. The SPH-I300 also features a dual LCD screen with Caller ID on the front and top of the handset for when it's worn on the hip. For added convenience, Palm's Graffiti® power writing software allows customers to transcribe notes on a portion of the screen as an alternative to inputting text through the touch pad. Additional timesaving features include voice-activated dialing, built-in speakerphone, short messaging service, email and fax data capabilities.

- more -

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"Sprint PCS is pleased to demonstrate its leadership in innovation and value-added devices once again as the first wireless carrier in the United States to offer a sleek, full color screen, Palm OS-based wireless handset," said Jay Highley, vice president, business marketing, Sprint PCS. "We've seen a growing demand for Sprint PCS Clear Wireless Workplace products and services that increase both professional and personal productivity. The SPH-I300 delivers this and more by integrating wireless computing functionality with voice services into a single chic device. Productivity has never been so cool - whether you're a mobile business customer looking for relevant solutions to business problems, or a consumer that wants to better manage, prioritize and simplify your personal life."

"With the SPH-I300, business people and consumers now have a handheld product that meets their complete voice, time and data management needs," said Peter Skarzynski, senior vice president of wireless terminals sales and marketing for STA. "By combining the advanced features of Samsung's wireless phone technology with Palm's handheld operating system, the SPH-I300 allows customers to lighten their device load, yet stay organized and in touch with the information and the people they need, even on the go."

With multi-functional keys featured on the side of the device, the SPH-I300 is designed for easy, one-handed dialing, allowing users to dial numbers from their address book without using the stylus. Additionally, the SPH-I300 offers voice memo, speed dialing and a categorized address book, permitting several phone entries for one contact. An extra battery, a leather case and a stylus are also included with the phone.

With 8MB of memory, customers can download any of the more than 10,000 available Palm OS compatible applications including: travel tools; games; financial utilities; Word, Excel and PowerPoint applications for handhelds; eBooks; and communication tools for accessing email and wireless Internet content. The battery life of the SPH-I300 is approximately 4 hours talk time and 100 hours standby time in digital mode using a standard battery.

"The Palm OS platform is the handheld operating system of choice for a new generation of wireless communications," said Gina Clark, vice president of marketing for Palm's Platform Solutions Group. "The SPH-I300 Sprint PCS Phone is an excellent example of how industry leaders like Samsung and Sprint PCS are incorporating the strength and adaptability of the Palm OS into powerful new communications and business management tools to satisfy market demand. At Palm's Platform Solutions Group, we are singularly focused on advancing the Palm OS platform by integrating new technologies and capabilities and working with our licensees to make their creative designs a reality for business users and consumers worldwide."

The SPH-I300 offers Web browsing and access to email through the WAP compliant Openwave™ Mobile Browser 4.1 and Palm's wireless Web clipping technology for quick and easy access to specific Internet data. One of the most impressive features of the phone is the Handspring Blazer browser which allows customers to visit virtually any Internet site since it is compatible with several languages including HTML, WML (WAP) and cHTML. The browser also supports color graphics, bookmarks and personalization. Sprint PCS business customers will also be able to access Wireless Web for Business applications such as corporate email, corporate directories, customer relationship management tools and travel services, as well as customized applications that have been wirelessly enabled.

- more -

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The Sprint PCS Phone SPH-I300 will be priced at \$499.99 retail and at \$449.99 for business customers that are part of Sprint PCS' Nationwide Volume Program (NVP). For more information, visit the Sprint PCS Web site at <http://www.sprintpcs.com> or STA's Web site at <http://www.samsungusa.com/wireless>.

#### **About Sprint**

Sprint is a global communications company serving 23 million business and residential customers in more than 70 countries. With more than 80,000 employees worldwide and \$23 billion in annual revenues, Sprint is widely recognized for developing, engineering and deploying state of the art network technologies, including the United States' first nationwide all-digital, fiber-optic network. Sprint's award-winning Tier 1 Internet backbone is being extended to key global markets to provide customers with a broad portfolio of scaleable IP products. Sprint's high-capacity, high-speed network gives customers fast, dependable, non-stop access to the vast majority of the world's Internet content. Sprint also operates the largest 100-percent digital, nationwide PCS wireless network in the United States, already serving the majority of the nation's metropolitan areas including more than 4,000 cities and communities.

For more information, visit the Sprint PCS web site at <http://www.sprintpcs.com>.

#### **About Samsung Telecommunications America**

Samsung Telecommunications America, a Dallas-based subsidiary of Samsung Electronics Company, Ltd., researches, markets and develops wireless handsets and telecommunications products throughout North America. For more information, see STA's web site at [www.samsungusa.com](http://www.samsungusa.com).

Samsung Electronics Company, Ltd., a \$30 billion flagship company of the Korean-based Samsung Group, is a world leader in electronics, with operations in over 50 countries.

#### **About the Palm OS Platform**

The Palm OS platform is the foundation for products from Palm's licensees and strategic partners, such as Palm, Inc., Franklin Covey, Handspring, IBM, Kyocera, Sony, Symbol Technologies, and HandEra (formerly TRG). The Palm Economy is a growing global community of industry-leading licensees, world-class OEM customers, and approximately 170,000 innovative developers and solution providers that have registered to develop solutions based on the Palm OS platform.

Palm OS and Graffiti are registered trademarks and Palm Powered is a trademark of Palm, Inc.

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**For Immediate Release**

**SPRINT LAUNCHES E911 PHASE II SERVICES ACROSS STATE OF RHODE ISLAND**

*Launch makes Sprint PCS the first wireless carrier to operate a handset-based location technology*

**KANSAS CITY, Mo., December 24, 2001** – Sprint (NYSE: FON, PCS), which operates the largest all-digital, all-PCS nationwide network, today announced the launch of E911 Phase II services on its network in Rhode Island. These services allow Sprint PCS customers in Rhode Island to automatically send their location information to emergency dispatchers when using a Global Positioning System (GPS) phone. The launch marks the first availability of E911 Phase II services on the Sprint PCS network and makes Sprint PCS the first wireless carrier in the country to offer this service with handset-based location technology.

"More than 139,000 calls to E911 are made each year from wireless phones," said Charles E. Levine, Sprint PCS president. "This solution offers Sprint PCS customers in Rhode Island tremendous benefit in times of their greatest need -- when calling 911 on their Sprint PCS phone."

Sprint PCS was the first and only wireless carrier to meet the Federal Communication Commission's deadline of selling a GPS-enabled handset when it introduced the Sprint PCS SPH-N300 by Samsung on October 1, 2001. The SPH-N300 works today nationwide as a Sprint PCS Phone and supports E911 emergency services available in Rhode Island. The handset is designed to support E911 emergency services as they are rolled out with local public safety agencies on a market-by-market basis, and future location-based services as they become available on the Sprint PCS nationwide network. E911 services cannot be deployed until both the public safety agency requesting the service and the local telephone company operating the 911 system have installed the upgrades necessary to support this service.

Sprint PCS is using a handset-based GPS solution to fulfill the requirements of the Federal Communication Commission's E911 Phase II mandate. Under the mandate all wireless carriers were required, within six months of a request from a Public Safety Answering Point (PSAP), to be able to locate 67 percent of 911 callers within 50 meters using a handset-based solution or 100 meters using a network-based solution beginning on October 1, 2001. Because of technology and administrative hurdles, Sprint PCS, along with the other major U.S. wireless carriers, was granted a conditional waiver to this mandate on October 5, 2001 extending the deadlines for compliance.

**About Sprint**

Sprint is a global communications company serving 23 million business and residential customers in more than 70 countries. With more than 80,000 employees worldwide and \$23 billion in annual revenues, Sprint is widely recognized for developing, engineering and deploying state of the art network technologies, including the United States' first nationwide all-digital, fiber-optic network. Sprint's award-winning Tier 1 Internet backbone is being extended to key global markets to provide customers with a broad portfolio of scalable IP products. Sprint's high-capacity, high-speed network gives customers fast, dependable, non-stop access to the vast majority of the world's Internet content. Sprint also operates the largest 100-percent digital, nationwide PCS wireless network in the United States, already serving the majority of the nation's metropolitan areas including more than 4,000 cities and communities.

For more information, visit the Sprint PCS web site at <http://www.sprintpcs.com>.

###

## **Sprint Announces Industry Milestone as First U.S. Wireless Carrier to Complete Nationwide Network Upgrade to 3G 1X**

With Support of its Infrastructure Vendors, Sprint Launches Enhanced Nationwide PCS Network as a Platform to Introduce PCS VisionSM Nationwide

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**Overland Park, Kansas — 08/08/2002**

Sprint (NYSE: FON, PCS), in conjunction with the nationwide introduction of PCS VisionSM - the company's revolutionary Third Generation (3G) wireless products and services - also announces another industry-leading milestone as the first U.S. carrier to complete a nationwide 3G 1X network upgrade. The enhanced Sprint Nationwide PCS Network will provide peak speeds of up to 144 kbps with average user speeds of 50 - 70 kbps. Leveraging its single technology, single-frequency, all-CDMA network, Sprint's seamless migration was assisted by several key infrastructure vendors that provided network infrastructure equipment and technology support including: Bytemobile, CommWorks, HP, Lucent Technologies, Motorola, Nortel Networks, Openwave Systems, QUALCOMM and Samsung.

"Sprint is once again leading the industry as the first U.S. carrier to offer next generation wireless services nationwide to our customers with the completion of our network upgrade to 3G 1X, with clarity our customers will see as well as hear," said Charles E. Levine, president, PCS division, Sprint. "As we unveil our PCS Vision products and services, the enhanced Sprint Nationwide PCS Network provides a platform that allows us to continue to roll out new products and services that will change the way Sprint wireless customers work, learn, play and communicate. Each of these companies played an important role in the nationwide delivery of PCS Vision products and services for Sprint wireless customers."

In addition to the network upgrade, Sprint has worked with Bytemobile to incorporate dynamic bandwidth optimization technology from its Macara platform on the enhanced network. Using certain PCS Vision enabled devices, Sprint wireless customers will experience average data speeds two to five times faster than average user speeds on the enhanced Nationwide PCS Network, depending on the specific application. Customers will experience these speeds on some applications when accessing or downloading files from the Web via a PCS Connection Card such as the PCS Connection Card by Novatel Wireless (Merlin 210) or PCS Connection Card by Sierra Wireless (Aircard 550) with a laptop or PDA. The bandwidth optimization, provided by Bytemobile, will offer a clear advantage for Sprint wireless business customers looking for high-speed connectivity options while on the road.

Sprint built its network from the ground up with advanced wireless services in mind, based on CDMA (Code Division Multiple Access) technology. CDMA2000, recognized as a 3G standard by the International Telecommunications Union (ITU), allows for an efficient and economical evolutionary path, maximizing spectrum and enabling Sprint to achieve up to double its network capacity as PCS Vision-enabled handsets are deployed throughout the network.

CommWorks, HP, Lucent Technologies, Motorola, Nortel Networks, Openwave Systems, QUALCOMM and Samsung contributed to the network upgrade, which consisted of changing out channel cards at base stations and upgrading channel elements and software, as well as adding data components to network infrastructure.

"Sprint recognizes the hard work of each of these companies that played a role in our migration to Third Generation network services," said Oliver Valente, chief technology officer, PCS division, Sprint. "Sprint's selection of CDMA2000 allowed us to leverage the natural evolution of our network, providing Sprint with voice capacity improvements that alone were worth the investment to enhance our network. And with the support of our vendors, we're pleased to announce the completion of our network upgrade."

For Sprint wireless customers, the completion of this nationwide network upgrade means consistent access to PCS Vision services anytime, anywhere across the country on the enhanced Sprint Nationwide PCS Network. Current 2G services will continue to work as they did before the introduction of PCS Vision. Customers will not need to purchase new handsets in order to continue Sprint wireless services, unless they would like to take advantage of the new PCS Vision products and services. Plus, Sprint will continue to operate on a single billing platform due to its seamless, single technology nationwide network, which is particularly valuable to enterprise customers who wish to consolidate their nationwide wireless business onto one bill.

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For more information on products and services, please visit [www.sprint.com/mr](http://www.sprint.com/mr).

**Related Links**

[Vision Press Kit](#)

[www.sprint.com/vision](http://www.sprint.com/vision)

## **Sprint and Sanyo Introduce America's First Built-in Camera Phone**

PCS Phone by Sanyo 5300 Delivers Clear Wireless Digital Photos and Clear Wireless Calls on the Enhanced Sprint Nationwide PCS Network

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**OVERLAND PARK, Kan. — 10/15/2002**

Point, shoot, click and call: this and more is possible with the PCS Phone by Sanyo 5300 - America's first wireless phone with a built-in camera, unveiled today by Sprint (NYSE: FON, PCS) and Sanyo. The PCS Phone by Sanyo 5300 combines the functionality of a digital camera with the clear calls of a PCS Phone enabling Sprint wireless customers to instantly shoot, view and share photos nationwide in addition to making crystal clear calls on the PCS enhanced nationwide network. The 5300 is designed to support the PCS Vision<sup>SM</sup> applications and services, including downloadable Java-based games, animated ringtones and screen savers. Sprint, which operates the largest all-digital, nationwide PCS network and Sanyo will offer the PCS Phone by Sanyo 5300 to customers nationwide in November for a suggested retail price of \$399.99.

"Leave it to Sprint to be the first carrier to bring the camera-phone to the U.S. market," said Tony Henning, senior analyst with Future Image, responsible for the WIRE executive information service that focuses exclusively on wireless imaging. "We've watched with envy as the Japanese and Korean markets have been flooded with camera-phone models while there are none here at home. Sprint and Sanyo have rectified that situation with what appears to be a top-notch camera-phone."

The PCS Phone by Sanyo 5300 offers a VGA digital camera (640 x 480) with digital zoom, portrait flash and Vision-enabled wireless voice and data communications capabilities. The 2.1-inch internal color screen supports 65,536 colors and provides a vibrant, multi-dimensional experience when viewing photos, screen savers, animated ringtones and games. The external Caller ID screen offers the convenience of quickly identifying an incoming call through the number or through one of six color selections and Photo-Caller ID.

"Sprint and Sanyo continue to set industry standards for advanced wireless phones. Together, we launched America's first color-screen phone, the thinnest phone and now the first embedded camera phone in the U.S.," said John Garcia, senior vice president for sales and distribution for the PCS division of Sprint. "This complements Sprint's long-standing tradition of industry firsts - including its standing as the first and only carrier to launch advanced, third-generation services, PCS Vision services, nationwide. The 5300 is the latest device in the line-up of Vision-enabled PCS Phones to deliver the promise of wireless you can see and hear and will clearly change the way customers communicate nationwide."

"Sanyo is proud to be the first wireless phone manufacturer to deliver a built-in camera phone to the U.S. market," said Atsushi Kodera, group vice president, general manager of Sanyo Fisher Company's Communications/Information Technology Division. "The Sprint/Sanyo partnership will continue to delight and amaze consumers with the multi-featured 5300, a phone that makes it easy to point, shoot and share a digital picture virtually anywhere and anytime."

### **Specific product features of the 5300 include:** **Built-in Camera:**

- Camera built-in, with flash: VGA 310,000 Pixels
- Camera Resolution: High (VGA: 640 x 480), Med (QVGA: 320 x 240), Low (QQVGA: 160 X 120)
- Options: Flash (On/Off), Self-timer (10 sec, 5 sec, Off)
- Brightness (Auto, Manual-9 steps)
- White Balance (Auto, Sunny, Cloudy, Tungsten, Fluorescent, Manual-9 steps)
- Color Tone (Antique, Black & White, Negative)
- Quality (Fine, Normal)
- Adjustable Shutter Volume (Loud, Soft, Off)
- Zoom: X4 (when QVGA), X4 and X16 (when QQQVGA)
- Flash: Flash by high-luminance LED is most effective when the object is about 2 or 3 feet from the handset

### **Photo Enhancement Options:**

- Upload/Share: Captured photo can be shared with family and friends, and can be uploaded to Pictures account at PCS Vision Pictures web site, [www.pictures.sprintpcs.com](http://www.pictures.sprintpcs.com).
- Assign Photo: Captured photo can be assigned for Incoming Calls, Screen Saver and Phone Book entries.
- Online Pictures: Access the PCS Vision Pictures web site to manage and view online photo albums. **PCS**



**Phone:**

- Dual Band/ Tri Mode PCS Phone
- WAP 2.0 Browser
- Java TM ready
- GPS-enabled for future emergency and location-based services
- Weight: 4.13 oz
- Dimensions: 3.7" x 1.9" x 1.1"
- Expected battery Life: The 5300 will come packaged with a standard battery and an extended battery providing 2.7 hours talk and 10.4 days standby and 3.8 hours talk and 15 days standby, respectively.
- Main LCD: 65,536-color, 2.1 inch TFT half-permeable type
- External LCD: 65,536-color, 1 inch STN half-permeable type
- Built-in Answering Machine: Allows the user to listen in as the caller leaves a message; in addition the user is able to answer the call anytime while the caller leaves their message.
- Multiple Language: Supports voice and text prompts in English and Spanish.
- Calculator, World Clock, Game

PCS Vision from Sprint is available when using this phone. The service allows customers to browse the Internet wirelessly with speeds comparable to a home computer's dial-up connection; check personal and corporate e-mail; download polyphonic ringtones and full-color, graphically-rich games and screen savers; and take and receive pictures on select Vision-enabled PCS Phones.

The PCS Phone by Sanyo 5300 specifically supports the following PCS Vision applications:

**Pictures** - Capture, view and instantly send images wirelessly using the PCS Phone by Sanyo 5300.

**Web** -PCS Vision provides an improved Web experience with downloads, icons and full-color graphic versions of popular Internet sites.

**Games** - PCS Vision enables Sprint and its development partners to move the wireless game experience from the text-based games of today to graphically rich, full-color brand name games on Vision-enabled PCS Phones using the Java 2 platform, Micro Edition (J2ME™).

**Ringers** - Sprint was the first to offer polyphonic ringtones and now, with Vision-enabled PCS Phones from Sprint, users can express even more personality with hundreds of unique downloadable ringtones, including the latest music releases, showtunes and sound effects that can be assigned to specific numbers in the address book.

**Messaging** - PCS Vision makes wireless messaging services from Sprint an extension of the desktop experience with fully functioning Web-based PCS Mail, PCS Short Mail, Wireless Chat and Messaging Fun games.

**Screen Savers** - PCS Vision allows customers to personalize their wireless service by wirelessly downloading screen savers right from their phone, many featuring synchronized animation.

**About Sanyo**

Sanyo Electric Co., Ltd. (NASDAQ: SANY) is a \$20 billion manufacturer and distributor of consumer and commercial electronics, including multimedia and telecommunication products. Based in Chatsworth, California, Sanyo Fisher Company (a division of Sanyo North America Corporation, a subsidiary of Sanyo Electric Co., Ltd.) markets PCS phones, audio systems, portable and mobile audio equipment, televisions, DVD players, dictation machines, digital still cameras, home appliances, LCD projectors, security video equipment and air conditioning systems.

For more information, visit Sanyo's U.S. web sites at [www.sanyo.com](http://www.sanyo.com) and [www.sanyowireless.com](http://www.sanyowireless.com).

Java, J2ME and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc., in the United States and other countries.

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## **Renewed Focus on Clarity, Value and Customer Satisfaction with New Nationwide Pricing Structure for Wireless Services**

New simplified pricing strategy is first of several steps to raise customer satisfaction and drive adoption of PCS Vision<sup>SM</sup> among consumers and business customers

**Dan Wilinsky, 913-762-7017**  
**[dwil01@mail.sprintpcs.com](mailto:dwil01@mail.sprintpcs.com)**

**Overland Park, Kan. — 10/18/2002**

Sprint (NYSE: FON, PCS), the first wireless carrier to introduce next generation services nationwide, took its commitment to clarity and value a step further today by announcing a new, simplified nationwide pricing structure for consumers and business customers, effective Oct. 18, 2002. The moves are aimed at making it easier and more attractive for customers to take advantage of the new PCS Vision<sup>SM</sup> wireless data services available on the enhanced Sprint Nationwide PCS Network.

"The wireless industry has seen demand for new services grow overseas, and now with PCS Vision, Sprint is positioned to seize this opportunity in the United States," said Len Lauer, president, PCS Division of Sprint. "Creating momentum in the United States for new services requires pricing that is flexible, predictable and easy to understand. We want customers to feel free to learn, experiment and take full advantage of the benefits PCS Vision has to offer without worrying about usage-based pricing. Improving customer satisfaction with our products, service experience, price and value proposition is our number one priority."

Under the new structure, PCS Free & Clear Plans for voice and data will be offered for a limited time to both consumers and business customers at price points initially ranging from \$30 to \$150 and will require a one year PCS Advantage Agreement. Rather than having calling plans tied with individual features and pre-set amounts of megabytes for PCS Vision services, Sprint customers can customize any calling plan by adding a variety of features, including unlimited PCS Vision data usage for an additional \$10 a month. All new calling plans ranging from \$30 to \$60 a month will receive unlimited Night and Weekend minutes, while new calling plans at \$85 or more a month will receive the unlimited PCS Vision data usage, unlimited PCS to PCS calling and a Second Line to Share options at no additional charge.

All plans continue to include nationwide long distance, voicemail, caller ID, call forwarding, call waiting, numeric paging and three-way calling on the Sprint Nationwide PCS Network at no additional charge. Available add-on features include:

- **Unlimited PCS Vision** - For an additional \$10 a month on any PCS Free & Clear Plan, customers using Vision-enabled PCS Phones can have unlimited PCS Vision data usage. These applications will allow them to check personal and corporate e-mail, play games with full-color graphics and polyphonic sounds, use the PCS Vision Camera to take and receive pictures with select phones, and browse the Internet wirelessly at speeds comparable to a home computer dial-up connection. With unlimited data usage, customers no longer need to worry about going over pre-specified limits. For a limited time, PCS Vision is free to all customers for the first three months.
- **Unlimited PCS to PCS Calling** - An additional \$5 a month enables customers to make and receive unlimited calls to and from other PCS Phones from Sprint at anytime while on the Sprint Nationwide PCS Network. For a limited time, all customers will be able to receive this option free with a two-year Advantage Agreement.
- **PCS Business Connection<sup>SM</sup> Personal Edition** - For an additional \$5 a month, customers can wirelessly access their company e-mail from a PCS Phone, handheld device or laptop connected via a PCS Connection Card to the Sprint Nationwide PCS Network enabling them to stay connected, even when they are away from the office. For a limited time, PCS Business Connection Personal Edition is free for the first three months.
- **PCS Voice Command** - Making calls, checking voicemail and e-mail and accessing important information on the Web is all possible for customers using only the power of their voice through PCS Voice Command, available for an additional \$5 a month. For a limited time, PCS Voice Command is free for the first three months.
- **Second Line to Share** - Customers enjoy the convenience of sharing their minutes and the benefits of value-added options available with high-end plans by having more than one phone on their account, all on a single invoice. Additional lines to share may be added for an additional \$20 a month to any PCS Free and Clear Plan of \$40 or more a month.

### **Changes to Off-Network Roaming Rates**

To further help customers conveniently and easily manage their wireless phone service, Sprint has simplified roaming charges on all new calling plans. Calls made while off the Sprint Nationwide PCS Network while in the United States, Puerto Rico, the U.S. Virgin Islands and Guam are now 50 cents per minute. Customers making off-network calls will continue to be charged 25 cents per minute for long distance fees, where applicable.

### **Improvements in Customer Care**